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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete if Known	
Application Number	10/660,998
Filing Date	September 12, 2003
First Named Inventor	David J. Ecker
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	IBIS0062-100/DIBIS-0002US.P5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
SC	S1	BAKER, et al., "Review and re-analysis of domain-specific 16S primers," J. Microbiol. Methods (2003) 55:541-555.	
	S2	BENSON, et al., "Advantages of Thermococcus kodakaraenis (KOD) DNA polymerase for PCR-mass spectrometry based analyses," J. Am. Soc. Mass Spectrom. (2003) 14:601-604.	
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	S7	DASEN, et al., "Classification and identification of Propioibacteria based on ribosomal RNA genes and PCR," System. Appl. Microbiol. (1998) 21:251-259.	
	S8	DEFORCE, et al., "Characterization of DNA oligonucleotides by coupling of capillary zone electrophoresis to electrospray ionization Q-TOF mass spectrometry," Anal. Chem. (1998) 70:3060-3068.	
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Examiner Signature	/Suryaprabha Chunduru/	Date Considered	07/31/2006

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SC	S12	FOX et al., "Report of the 'Bioterrorism Workshop'", J. Microbol. Methods (2002) 51:247-254.	
	S13	GRIFFEY and GREIG, "Detection of base pair mismatches in duplex DNA and RNA oligonucleotides using electrospray mass spectrometry," SPIE (1997) 2985:82-86.	
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	S19	HOFFMANN, et al., "Universal primer set for the full-length amplification of all influenza A viruses," Arch. Virol. (2001) 146:2275-2289.	
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	S22	KAGEYAMA and BENNO, "Rapid detection f human fecal Eubacterium species and related genera by tested PCR method," Microbiol. Immunol. (2001) 45:315-318.	

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Sheet 3 of 5

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Filing Date	September 12, 2003
First Named Inventor	David J. Ecker
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	IBIS0062-100/DIBIS-0002US.P5

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SC	S23	LITTLE, et al., "Rapid sequencing of oligonucleotides by high-resolution mass spectrometry," J. Am. Chem. Soc. (1994) 116:4893-4897.	
	S24	LIU, et al., "Improving the microdialysis procedure for electrospray ionization mass spectrometry of biological samples," J. Mass Spectrom. (1997) 32:425-431.	
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	S26	McCABE, et al., "Bacterial species identification after DNA amplification with a universal primer pair," Mol. Genet. Metab. (1999) 66:205-211.	
	S27	MEIYU, et al., "Detection of flaviviruses by reverse transcriptase-polymerase chain reaction with the universal primer set," Microbiol. Immunol. (1997) 41:209-213.	
	S28	MORICCA, et al., "Detection of Fusarium oxysporum f.sp. vasinfectum in cotton tissue by polymerase chain reaction," Plant Pathol. (1998) 47:486-494.	
	S29	MUDDIMAN, et al., "Characterization of PCR products from Bacilli using electrospray ionization FTICR mass spectrometry," Anal Chem. (1996) 68:3705-3712.	
	S30	NAGPAL, et al., "Utility of 16S-23S rRNA spacer region methodology: how similar are interspace regions within a genome and between strains for closely related organisms?," J. Microbiol. Methods (1998) 33:211-219.	
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	S32	NULL, et al., "Evaluation of sample preparation techniques for mass measurements of PCR products using ESI-FT-ICR mass spectrometry," Am Soc. Mass Spectrom. (2002) 13:338-344.	

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Sheet 4 of 5

Complete if Known	
Application Number	10/660,998
Filing Date	September 12, 2003
First Named Inventor	David J. Ecker
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	IBIS0062-100/DIBIS-0002US.P5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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SC	S33	NULL and MUDDIMAN, "Determination of a correction to improve mass measurement accuracy of isotopically unresolved polymerase chain reaction amplicons by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry," Rapid Comm. Mass Spectrom. (2003) 17:1714-1722.	
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	S36	NULL, et al., "Implications of hydrophobicity and free energy of solvation for characterization of nucleic acids by electrospray ionization mass spectrometry," Anal. Chem. (2003) 75:1331-1339.	
	S37	PENG, et al., "Rapid detection of Shigella species in environmental sewage by an immunocapture PCR with universal primers," App. Environ. Microbiol. (2002) 68:2580-2583.	
	S38	POMERANTZ, et al., "Determination of oligonucleotide composition from mass spectrometrically measured molecular weight," J. Am. Soc. Mass Spectrom. (1993) 4:204-209.	
	S39	ROSS, et al., "Discrimination of single-nucleotide polymorphisms in human DNA using peptide nucleic acid probes detected by MALDI-TOF mass spectrometry," Anal. Chem. (1997) 69:4197-4202.	
	S40	SCARAMOZZINO, et al., "Comparison of Flavivirus universal primer pairs and development of a rapid, highly sensitive heminested reverse transcription-PCR assay for detection of flaviviruses targeted to a conserved region of the NS5 gene sequences," J. Clin. Microbiol. (2001) 39:1922-1927.	
	S41	SHAVER, et al., "Restriction fragment length polymorphism of rRNA operons for discrimination and intergenic spacer sequences for cataloging of Bacilus subtilis sub-groups," J. Microbiol. Methods (2002) 50:215-223.	
	S42	SRINIVASAN, et al., "Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry as a rapid screening method to detect mutations causing Tay-Sachs disease," Rapid Comm. Mass Spectrom. (1997) 11:1144-1150.	
	S43	STEFFENS and ROY, "Sequence analysis of mitochondrial DNA hypervariable regions using infrared fluorescence detection," Bio/Techniques (1998) 24:1044-1046.	

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Sheet 5 of 5

Complete if Known	
Application Number	10/660,998
Filing Date	September 11, 2003
First Named Inventor	David J. Ecker
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	IBIS0062-100/DIBIS-0002US.P5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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SC	S44	WUNSCHEL, et al., "Mass spectrometric characterization of DNA for molecular biological applications: advances using MALDI and ESI," Adv. Mass Spectrom., Vol. 14, Karjalainen, et al., (eds.) 1998, Elsevier, Amsterdam.	

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U.S. PATENT DOCUMENTS

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SC	AA	US- 6,043,031	03-28-2000	Koster et al.	
SC	AB	US- 6,716,634	04-06-2004	Myerson	
SC	AC	US- 6,605,433	08-12-2003	Fliss et al.	
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SC	AD	DIAS NETO et al., "Shotgun sequencing of human transcriptome with ORF expressed sequence tags," *PNAS* 97(7):3491-3496.	
SC	AE	International Search Report dated April 12, 2005 for International Application No. PCT/US03/38505.	

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